## COMMONWEALTH OF KENTUCKY BEFORE THE PUBLIC SERVICE COMMISSION

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PUBLIC SERVICE COMMISSION

In the Matter of:	)		
Windstream Kentucky East, LLC for Arbitration of an Interconnection Agreement with New Cingular Wireless PCS, LLC, D/B/A AT&T Mobility	) ) ) ) ) )	Case No. 2009-00246	

## WINDSTREAM KENTUCKY EAST, LLC'S RESPONSES TO NEW CINGULAR WIRELESS PCS, D/B/A AT&T MOBILITY'S FIRST DATA REQUESTS TO WINDSTREM KENTUCKY EAST, LLC

Windstream Kentucky East, LLC ("Windstream East") submits as follows in response to New Cingular Wireless PCS d/b/a AT&T Mobility's ("AT&T Mobility") First Data Requests to Windstream East.

## GENERAL OBJECTIONS TO DEFINITIONS OR INSTRUCTIONS

Windstream East objects to any of AT&T Mobility's definitions or instructions to the extent they purport to require production by Windstream East of knowledge and/or information protected by the attorney-client privilege, the work product doctrine or other applicable privilege or immunity, including privileged information possessed by its attorneys. Further, Windstream East objects to any attempt by AT&T Mobility to request information pertaining to entities not subject to the arbitration or this Commission's jurisdiction.

Windstream East also objects to any data request propounded by AT&T Mobility to the extent that it is not reasonably calculated to lead to the discovery of admissible evidence and/or seeks information or documents that are vague, overly burdensome, or not relevant to the claims asserted by AT&T Mobility in this matter.

Windstream East further objects to providing information that was previously provided to AT&T Mobility, that would require Windstream East to construct information not maintained in the regular course of business, or that otherwise is publicly available to AT&T Mobility.

Lastly, Windstream East objects to the extent that the number of data requests exceeds the limit allowed by Kentucky Rules of Civil Procedure CR 33.01.

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009 Item No. 1 Page 1 of 1

## SPECIFIC RESPONSES AND OBJECTIONS TO DATA REQUESTS

1. Provide a native Excel version of Windstream's cost study with no enabling of any "Protect Workbook" and "Protect Sheet".

**RESPONSE:** Windstream East objects to this request on the basis that this is information that was previously provided to AT&T Mobility.

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009 Item No. 2 Page 1 of 1

- 2. Provide the total Windstream minutes of use ("MOUs") for each year for the last five years (2004-2008) for the following categories used in Windstream's cost study. Provide an explanation for any zero values.
  - a. Local Terminating
  - b. Local Originating
  - c. Local Tandem Terminating
  - d. Local Tandem Originating
  - e. EAS Terminating
  - f. EAS Originating
  - g. Interstate Toll Terminating
  - h. Interstate Toll Originating
  - i. Intrastate Toll Terminating
  - i. Intrastate Toll Originating
  - k. Recip Comp Terminating
  - 1. Recip Comp Originating
  - m. Host/Remote Terminating
  - n. Host/Remote Originating
  - o. LATA Tandem Terminating
  - p. LATA Tandem Originating

**RESPONSE:** Windstream East objects to this request to the extent that it requests data that is not relevant to the claims asserted by AT&T Mobility in the matter. Without waiving its objection, Windstream East refers AT&T Mobility to the attached Exhibit A.

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009 Item No. 3 Page 1 of 1

**3.** Provide Windstream's annual reports to shareowners for the past two years (2007-2008).

**RESPONSE:** Windstream East objects to this request as being information that is readily and publicly available to AT&T Mobility. Without waiving its objection, Windstream East states that this information may be found on <a href="http://www.snl.com/irweblinkx/financialdocs.aspx?iid=4121400">www.windstream.com</a> at <a href="http://www.snl.com/irweblinkx/financialdocs.aspx?iid=4121400">http://www.snl.com/irweblinkx/financialdocs.aspx?iid=4121400</a>.

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009 Item No. 4 Page 1 of 1

**4.** Provide all Windstream's Form 10-K reports submitted to the Securities and Exchange Commission ("SEC") since January 1, 2004.

**RESPONSE:** Windstream East objects to this request as being information that is readily and publicly available to AT&T Mobility. Without waiving its objection, Windstream East states that this information may be found on <a href="http://www.snl.com/irweblinkx/docs.aspx?iid=4121400&start=1">www.snl.com/irweblinkx/docs.aspx?iid=4121400&start=1</a>.

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009 Item No. 5 Page 1 of 1

5. Provide all Windstream's annual and quarterly reports, including gross revenue reports, filed with the Kentucky Public Service Commission since January 1, 2004.

**RESPONSE:** Windstream East objects to this request as being information that is readily and publicly available to AT&T Mobility. Without waiving its objection, Windstream East states that Kentucky Public Service Commission website may be accessed at <a href="http://psc.ky.gov/agencies/psc/industry/telcom\_idx.htm">http://psc.ky.gov/agencies/psc/industry/telcom\_idx.htm</a>.

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009 Item No. 6 Page 1 of 1

6. Provide all Windstream's annual reports and Form 477 reports for Kentucky filed with the Federal Communications Commission ("FCC") since January 1, 2004.

**RESPONSE:** Windstream East objects to this request as being overly broad and vague, and not likely to lead to any relevant or discoverable information in this proceeding.

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009 Item No. 7 Page 1 of 1

7. Provide all materials Windstream has provided to financial analysts and potential investors in investor presentations since January 1, 2008.

**RESPONSE:** Windstream East objects to this request as being overly broad and vague, and not likely to lead to any relevant or discoverable information in this proceeding, and is publicly available to AT&T Mobility. Without waiving its objection, Windstream East states that investor information may be found on <a href="http://www.snl.com/IRWebLinkX/GenPage.aspx?IID=4121400&GKP=202930">www.windstream.com</a> at <a href="http://www.snl.com/IRWebLinkX/GenPage.aspx?IID=4121400&GKP=202930">http://www.snl.com/IRWebLinkX/GenPage.aspx?IID=4121400&GKP=202930</a>.

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009 Item No. 8 Page 1 of 1

- 8. Does Windstream offer Voice over Internet Protocol ("VoIP") with its broadband services in Kentucky?
  - a. If so, please describe Windstream's VoIP, including when Windstream began offering VoIP in Kentucky and the current number of Windstream's VoIP subscribers in Kentucky.

**RESPONSE:** Windstream East objects to this request as being overly broad and vague, and not likely to lead to any relevant or discoverable information in this proceeding.

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009 Item No. 9 Page 1 of 2

9. Provide all work papers, including source documents, supporting Windstream's cost study. Work papers should include, to the extent they exist, all documentation supporting claimed equipment, material and labor costs, as well as all network measurements, such as claimed minutes of use per year, length of interoffice cables, bandwidth of interoffice transmission equipment, cost of debt, cost of equity, etc.

**RESPONSE:** Additional cost study support materials are in the following files, which are attached herein upon disc labeled as Exhibit B:

File	Description	Purpose
KY219 ASAP channel usage by	KY East Lexington – toll trunk	ATTACHMENT A
exch.pdf	and private line counts	"Electronics Data" page inputs
KY219 ASAP facility count by	KY East Lexington - IX circuit	ATTACHMENT A
exch.pdf	counts by size, DS3 and higher	"Electronics Data" page inputs
KY219_ASAP_High Cap By	KY East Lexington - High	ATTACHMENT A
Exchange.pdf	capacity circuit counts	"Electronics Data" page inputs
KY219_Loop Summary table rpt.pdf	KY East Lexington – local	ATTACHMENT A
	private line loop counts	"Electronics Data" page inputs
KY219 monthly totals by exch_access	KY East Lexington –access line	ATTACHMENT A
lines.pdf	totals	"Electronics Data" page inputs
KY219_Summarize Electronic	KY East Lexington –	ATTACHMENT A, summary
data.pdf	termination equipment	and report by exchange
	quantities and material dollars	
KY220_ASAP_channel usage by	KY East London – toll trunk	ATTACHMENT A
exch.pdf	and private line counts	"Electronics Data" page inputs
KY220_ASAP_facility count by	KY East London - IX circuit	ATTACHMENT A
exch.pdf	counts by size, DS3 and higher	"Electronics Data" page inputs
KY220_ASAP_High Cap By	KY East London - High	ATTACHMENT A
Exchange.pdf	capacity circuit counts	"Electronics Data" page inputs
KY220_Loop Summary table rpt.pdf	KY East London – local private	ATTACHMENT A
	line loop counts	"Electronics Data" page inputs
KY220 monthly totals by exch_access	KY East London – access line	ATTACHMENT A
lines.pdf	totals	"Electronics Data" page inputs
KY220_Summarize Electronic	KY East London – termination	ATTACHMENT A, summary
data.pdf	equipment quantities and	and report by exchange

	material dollars	
KY East_Lexington IX Fiber	KY East Lexington – Summary	ATTACHMENT B "IX
Cables pdf	of cables making up IX	Facilities Detail" cable lengths
	facilities	
KY East_London IX Fiber Cables.pdf	KY East London – Summary of	ATTACHMENT B "IX
	cables making up IX facilities	Facilities Detail" cable lengths
InPlace Price Book_2007 Update.xls	Support data for development	ATTACHMENT B "IX
	of cable material and	Facilities Detail" pricing
	installation costs	support

AT&T's First Data Request September 11, 2009

Item No. 10

Page 1 of 1

10. Explain the distinction between "composite rate of return," "interstate rate of

return," and "intrastate rate of return" as found on the "Cost Factors" page of

Windstream's cost study. This explanation should specify which "return" is used in

developing Windstream's recommended costs.

RESPONSE: None of the "returns" on the "Cost Factors" page of Windstream East's

cost study listed in Request No. 10 are used in developing Windstream East's

recommended costs. The cost of capital used to develop Windstream East's

recommended rates is found on the "Cost Factors" tab, Line 43 (cell I49) and is labeled

"Cost of Capital".

Windstream East Party Supporting the Response: David Blessing

- 13 -

AT&T's First Data Request September 11, 2009

Item No. 11

Page 1 of 1

Explain how expenses associated with service order activities have been excluded 11.

in the development of maintenance and joint factors used in Windstream's cost

study.

**RESPONSE:** The expense associated with service order activities (central office service

activation work and/or premise visit) is not readily identifiable and thus was not removed

from the maintenance factor inputs. The joint expenses consist of network administration,

property taxes, and central office building expenses which do not include any service

order activities.

Windstream East Party Supporting the Response: David Blessing

- 14 -

AT&T's First Data Request September 11, 2009

Item No. 12

Page 1 of 1

Explain the method employed by Windstream to ensure that the costs claimed in its 12.

study are forward-looking.

RESPONSE: Windstream East adheres to the guidelines provided in FCC Rules and

Regulations Part 51, Paragraph 51.505 to ensure that the costs in the study are forward-

looking. The methods used in the Windstream East cost study are consistent with those

guidelines and are identical to methodologies used by Windstream in other proceedings

to develop TELRIC-based rates in Kentucky and other jurisdictions.

Windstream East Party Supporting the Response: David Blessing

- 15 -

AT&T's First Data Request September 11, 2009

Item No. 13

Page 1 of 1

For all switching and transport costs claimed in Windstream's study, provide the

historical "booked" cost for each line item.

RESPONSE: Windstream objects to this request as not being relevant to the forward-

looking costs developed in Windstream East's cost study. Without waiving its objection,

Windstream East's booked costs, to the extent they are available, may be found in the

cost study provided to AT&T Mobility.

Windstream East Party Supporting the Response: David Blessing

- 16 -

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009 Item No. 14 Page 1 of 1

14. Explain what is meant by the description "monthly cost per minute" found on the Results page of Windstream's cost study.

**RESPONSE:** The term "monthly cost per minute" means the rate for each minute of use on Windstream East's network based on the monthly cost and demand for such minutes.

AT&T's First Data Request

September 11, 2009

Item No. 15

Page 1 of 1

Explain the purpose of the NTS Percents found in the Input section of 15.

Windstream's cost study.

RESPONSE: The NTS Percent inputs found in the Input section of Windstream East's

cost study are used to eliminate that portion of the investment inputs which are non-

traffic sensitive. The NTS percents are not applicable to end-office switching investment

where the non-traffic sensitive portion associated with line ports and loop termination

equipment has already been removed.

Windstream East Party Supporting the Response: David Blessing

- 18 -

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009 Item No. 16 Page 1 of 1

- **16.** Explain whether the following components are treated as traffic-sensitive or non-traffic-sensitive in Windstream's study:
  - a. Switch processor and matrix costs;
  - b. Initial software and software upgrade costs.

**RESPONSE:** All components listed in 16a. and 16b. are treated as traffic-sensitive in Windstream East's cost study.

AT&T's First Data Request September 11, 2009

Item No. 17

Page 1 of 1

List all "host" and all "remote" switches in Windstream's network. 17.

RESPONSE: Windstream objects to this request as being information that is readily and

publicly available to AT&T Mobility. Without waiving its objection, Windstream East

states that this information is listed on the "Host Remote Switches" pages (9th page) of

ATTACHMENT C and ATTACHMENT D. The column title "SW Type" identifies

whether the switch is a host (H), remote (R) or stand alone (S).

Windstream East Party Supporting the Response: David Blessing

- 20 -

AT&T's First Data Request

September 11, 2009 Item No. 18

Page 1 of 1

State whether each remote switch listed performs a switching function for a call 18.

dialed by an end user connected to that remote switch and terminated to another end

user connected to that remote switch.

RESPONSE: Windstream East objects to this request as being overly broad and vague,

and not likely to lead to any relevant or discoverable information in this proceeding.

Without waiving its objection, Windstream East states that all remotes switches except

eight are capable of performing a switching function as described. The eight switches

which are not capable of performing such switching are Bryantsville, Nancy, Paint Lick,

Vicco, Bee Spring, Brownsville, Mammoth Cave, and Park City.

Windstream East Party Supporting the Response: David Blessing

- 21 -

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009 Item No. 19 Page 1 of 1

19. Provide a list, on a line-item level of detail, showing all switching investments and costs treated as non-usage-sensitive in Windstream's cost study.

**RESPONSE:** The following switching investment items are treated as non-usage sensitive:

- a. LCE's, LCM's, Dwrs, & Lines (Line Port Equipment)
- b. MDF and Protector (Loop Termination Equipment)
- c. One half of Conversion Costs
- d. Portion of power equipment associated with items in (a) and (b) above.

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009 Item No. 20 Page 1 of 1

**20.** Provide the account balances for 2006, 2007 and 2008 for the accounts used to develop Windstream's proposed forward-looking common cost factor. Also, provide the equivalent account balances for the first six months of 2009.

**RESPONSE:** Account balances for 2006, 2007, 2008 and six months ending June 30, 2009 are provided in Exhibit "DR20\_Common Cost Account Inputs.xls" attached herein as Exhibit C.

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009 Item No. 21 Page 1 of 1

21. What is the vintage of the account balances in the column entitled "Embedded Kentucky East Plant" on the "Capital ACF" page in Windstream's cost study?

**RESPONSE:** The vintage year for the referenced account balances is 2007. Each amount is the average of the monthly average balances for January through December 2007.

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009 Item No. 22 Page 1 of 1

22. Provide the account balances for 2006, 2007 and 2008 for the accounts corresponding to the rows for the column entitled "Embedded Kentucky East Plant" on the "Capital ACF" page in Windstream's cost study.

**RESPONSE:** Account balances for 2006, 2007, and 2008 are provided in Exhibit "DR22 Embedded Ky East Plant.xls" attached herein as Exhibit D.

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009 Item No. 23 Page 1 of 1

23. In addition to the 2007 data found in Windstream's cost study, provide the account balances for 2006 and 2008 for the accounts associated with the "Embedded Plant Distribution" found on the "Capital ACF" page.

**RESPONSE:** Account balances for 2006 and 2008 are provided in Exhibit "DR23 Embedded Ky East Plant.xls" attached herein as Exhibit E.

AT&T's First Data Request September 11, 2009

Item No. 24

Page 1 of 1

24. Describe all linkages between data found in the "Transport Termination Equipment

Report" and the main portion of Windstream's cost study (pages 2-32 in the pdf

file).

RESPONSE: The calculated total at the bottom of the "Fiber Equip \$" column on the

"IX Fiber Equip \$" worksheet in the "Transport Termination Equipment Report" (page

38 of the pdf file) contains the material cost input entered on page 12, line 6 in the pdf

file.

AT&T's First Data Request

September 11, 2009 Item No. 25

Page 1 of 1

Provide Windstream's current contracts, or applicable price quotes if current 25.

contracts do not exist, for terminating equipment prices for Windstream Kentucky

East that correspond to the "IX Electronics Prices" found on the "Electronics

Prices" page in the "Transport Termination Equipment Report".

RESPONSE: Terminating equipment material prices were provided based on

engineering review of numerous price quotes and actual completed installations. Prices

represent the best prices available to Windstream East at the time cost inputs were

developed and cannot be tied to specific contracts and price quotes. Please refer to the

Response to Data Request No. 26 where available documentation has been provided.

Windstream East Party Supporting the Response: David Blessing

- 28 -

AT&T's First Data Request

September 11, 2009 Item No. 26

Page 1 of 1

Provide a description of the specific equipment, including the identification of the 26.

hardware vendor, associated with Windstream's "IX Electronics Prices" found on

the "Electronics Prices" page in Windstream's "Transport Termination Equipment

Report".

RESPONSE: Please review Exhibits "DR26a Electronics Material Prices.xls" attached

herein as Exhibit F and "DR26b Electronics Price Support.xls" attached herein as

Exhibits G for a description of the specific equipment, including the identification of the

hardware vendor, for Windstream East's "IX Electronics Prices".

Windstream East Party Supporting the Response: David Blessing

- 29 -

AT&T's First Data Request September 11, 2009

Item No. 27

Page 1 of 1

Explain why the "Loop Electronic Price" is the same as the "IX Electronic Price" 27.

for each corresponding facility type as shown on the "Electronics Prices" page in

Windstream's "Transport Termination Equipment Report".

RESPONSE: The "Loop Electronic Price" and the "IX Electronic Price" are the same

because the cost model uses the same equipment to provide circuit terminations for the

local loop and inter-exchange circuits. Refer to Response to Data Request No. 26 for

additional details.

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009 Item No. 28 Page 1 of 1

28. Explain the acronym "STS1" as shown on the "Electronics Prices" page in Windstream's "Transport Termination Equipment Report".

**RESPONSE:** "STS1" refers to a Synchronous Transport Signal – 1 ("STS-1") circuit, which is one third of an OC-3. The STS-1 is a basic unit of transmission in SONET, operating at 51.84 Mbit/s.

AT&T's First Data Request

September 11, 2009 Item No. 29

Page 1 of 1

29. Name and describe the network systems that are sources for the "Electronic Data"

pages in Windstream's "Transport Termination Equipment Report".

RESPONSE: Windstream East's ASAP (Access Services and Provisioning) system is

the primary source used for inputs to the "Electronic Data" pages. This engineering

database contains the inventory and relevant information for all Windstream East circuits.

Access line information is obtained from Windstream East's MIROR (Mechanized

Inventory Records Reconciliation) system, which is utilized to manage numbering and

line card requirements.

Windstream East Party Supporting the Response: David Blessing

- 32 -

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009 Item No. 30 Page 1 of 1

30. Page 51 of the pdf file containing Windstream's cost study is labeled

"ATTACHMENT B, Electronics Input for Cost Study". Is this the intended

description for the material found at pages 52-71? If not, please explain.

RESPONSE: "ATTACHMENT B, Electronics Input for Cost Study" is not the intended

description for the material found at pages 52-71; the description is for the material found

at pages 50-70. The title for ATTACHMENT B, pages 52-71 should be "Facilities Input

for Cost Study".

AT&T's First Data Request

September 11, 2009

Item No. 31

Page 1 of 1

Describe all linkages between data found in ATTACHMENT B and the main 31.

portion of Windstream's cost study (pages 2-32 in the pdf file).

**RESPONSE:** The calculated "Materials" column total on page 51 in ATTACHMENT B

contains the material cost input entered on page 12, line 5 in the pdf file. The "Plus Minor

Materials" percent on page 51 in ATTACHMENT B comes from the percent entered as

"Other Material %" on page 17, column (d) for IX Transport Facility and HR Transport

Facility in the pdf file. The "Plus Sales Tax" percent on page 51 in ATTACHMENT B

comes from the percent entered on page 13, line 89 in the pdf file. The Installation

(Adjusted), Engineering, and Freight percents calculated under the "Install Cost" column

on page 51 in ATTACHMENT B contain the EF&I percents entered on page 17, columns

(h), (i) and (j) for IX Transport Facility and HR Transport Facility in the pdf file.

Windstream East Party Supporting the Response: David Blessing

- 34 -

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009 Item No. 32 Page 1 of 1

32. Explain the meaning of each acronym found under the heading "InPlaceCode" in the "IX Facilities Detail" pages in Windstream's ATTACHMENT B.

**RESPONSE:** The descriptions for the acronyms found under the heading "InPlaceCode" are provided in Exhibit "DR32\_Cable InPlaceCode\_Descriptions.xls" attached herein as Exhibit H.

AT&T's First Data Request

September 11, 2009 Item No. 33

Page 1 of 1

33. Explain the length information found in the "IX Facilities Detail" pages in

Windstream's ATTACHMENT B. This explanation should explicitly describe how

the length is calculated for each entry associated with the Albany exchange.

RESPONSE: The lengths found on the "IX Facilities Detail" pages in Windstream

East's ATTACHMENT B are the totals of all cable segments for each exchange for each

listed size. Lengths were determined through analysis of engineering CAD/E records for

inter-exchange cable routes. Exhibit "DR33\_Albany\_Interexchange cable.xls" attached

herein as Exhibit I contains the detailed data extracted from the engineering records for

the Albany exchange. Any copper cables were replaced with fiber, and cables less than

24 fibers were changed to 24-fibers in the forward-looking network design.

Windstream East Party Supporting the Response: David Blessing

- 36 -

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009 Item No. 34

Page 1 of 1

34. Provide the vintage(s) of the material and install cost data found in the "IX

Facilities Detail" pages in Windstream's ATTACHMENT B.

RESPONSE: The vintage of the material cost data on the "IX Facilities Detail" pages in

Windstream's ATTACHMENT B is September 2007. The install cost data found on the

"IX Facilities Detail" pages in Windstream East's ATTACHMENT B was developed

based on placement costs provided in May 2007.

Windstream East Party Supporting the Response: David Blessing

- 37 -

AT&T's First Data Request September 11, 2009

Item No. 35

Page 1 of 1

35. Provide Windstream's current contracts, or applicable price quotes if current

contracts do not exist, for the material costs associated with Windstream's IX

facilities in Kentucky consistent with the data found in the "IX Facilities Detail"

pages in Windstream's ATTACHMENT B.

**RESPONSE:** Windstream East has requested copies of these contracts and permission

to share these contracts, but will be unable to obtain them by the date this Response is

due to be filed. Windstream East reserves the right to file a supplemental response as

soon as the contracts are available and all required permissions have been granted by the

vendors to allow Windstream East . Windstream East will be requesting confidential

treatment for the documents when they are received and produced.

Windstream East Party Supporting the Response: David Blessing

- 38 -

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009 Item No. 36 Page 1 of 1

36. Who performs the installation activities associated with IX facilities in Kentucky consistent with the data found in the "IX Facilities Detail" pages in Windstream's

#### ATTACHMENT B?

- a. If outside vendors are involved, provide Windstream's current contracts, or applicable price quotes if current contracts do not exist, for the installation work performed by outside vendors to install IX facilities in Kentucky.
- b. If Windstream employees are involved, describe each work group included in the "install cost" and the average labor rate for employees performing the work in each work group.

RESPONSE: Outside vendors usually perform the installation activities associated with IX facilities in Kentucky. Windstream East has requested a copy of the contract applicable to Kentucky and permission to share this contract, but will be unable to obtain it by the date this Response is due to be filed. Windstream East reserves the right to file a supplemental response as soon as the contract is available and all required permissions have been granted by the vendor to allow Windstream East to share this. Windstream East will be requesting confidential treatment for the documents when they are received and produced

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009 Item No. 37 Page 1 of 2

37. Describe all the linkages between data found in ATTACHMENT C and the main portion of Windstream's cost study (pages 2-32 in the pdf file).

**RESPONSE:** The dollar total above the column titled "End Office Switching" on the first page (page 72) in ATTACHMENT C, plus the corresponding amount from ATTACHMENT D, equals the material cost input entered on page 12, line 1 in the pdf file. The dollar total above the column titled "SS7 Switching" on the first page (page 72) in ATTACHMENT C, plus the corresponding amount from ATTACHMENT D, equals the material cost input entered on page 12, line 2 in the pdf file. The dollar total above the column titled "Tandem Switching" on the first page (page 72) in ATTACHMENT C, plus the corresponding amount from ATTACHMENT D, equals the material cost input entered on page 12, line 3 in the pdf file. The percent above the column titled Minor Materials on the second page (page 73) in ATTACHMENT C contains the Other Material percent entered on page 17, column (d) for End Office Switching and SS7 Switching in the pdf file. The column totals for Minor Materials, Installation, Engineering, and Freight on the second page (page 73) in ATTACHMENT C are added to the corresponding totals for the same columns on the second page in ATTACHMENT D to arrive at the Total Loading amounts at the bottom of page 84. The percents above the columns titled Minor Materials, Installation, Engineering, and Freight on the third

page (page 74) in ATTACHMENT C contain the Other Material and EF&I percents entered on page 17, columns (d), (h), (i) and (j) for Tandem Switching in the pdf file.

AT&T's First Data Request September 11, 2009

Item No. 38

Page 1 of 1

Describe all linkages between data found in ATTACHMENT D and the main 38.

portion of Windstream's cost study (pages 2-32 in the pdf file).

RESPONSE: The dollar total above the column titled "End Office Switching" on the

first page (page 83) in ATTACHMENT D, plus the corresponding amount from

ATTACHMENT C, equals the material cost input entered on page 12, line 1 in the pdf

file. The dollar total above the column titled "SS7 Switching" on the first page (page 83)

in ATTACHMENT D, plus the corresponding amount from ATTACHMENT C, equals

the material cost input entered on page 12, line 2 in the pdf file. The dollar total above the

column titled "Tandem Switching" on the first page (page 83) in ATTACHMENT D,

plus the corresponding amount from ATTACHMENT C, equals the material cost input

entered on page 12, line 3 in the pdf file. The percents at the very bottom of the columns

titled Installation, Engineering, and Freight on the second page (page 84) in

ATTACHMENT D contain the EF&I percents entered on page 17, columns (h), (i) and

(i) for End Office Switching and SS7 Switching in the pdf file.

Windstream East Party Supporting the Response: David Blessing

- 42 -

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009 Item No. 39 Page 1 of 1

39. Provide for each row found on the "Switch Costs" and "Tandem Costs" pages of Windstream's ATTACHMENT C and ATTACHMENT D the following information:

- a. CLLI code for existing switch
- b. Switch type for existing switch
- c. An explanation of the modeled switch type

**RESPONSE:** Please refer to Exhibit "DR39\_KY East Switches.xls" attached herein as Exhibit J.

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009 Item No. 40 Page 1 of 1

40. Provide the source file "MDF Power Transmission Worksheet.xls" mentioned in Note (1) as found on the "Switch Cost Data" pages of Windstream's

ATTACHMENT C and ATTACHMENT D.

**RESPONSE:** Please refer to the file "DR40\_MDF Power Transmission Worksheet.xls" attached herein as Exhibit K.

AT&T's First Data Request

September 11, 2009 Item No. 41

Page 1 of 1

Explain why HAI 5.3 default values for the SS7 Switching and Tandem Fixed and 41.

Variable Switch costs are found on the "Switch Cost Data" pages of Windstream's

ATTACHMENT C and ATTACHMENT D are reasonable estimates to measure

Windstream's SS7 costs in Kentucky.

**RESPONSE:** The variable SS7 and Tandem switching investments in the Windstream

East model are developed in a manner similar to that done in AT&T ILEC's own HAI

model. The cost inputs to Windstream East's model were set at the same level as the

defaults contained in the HAI model. Windstream engineers reviewed the default values

and determined that they should produce a reasonable investment amount for Windstream

East since these types of costs vary little between companies. To avoid any controversy

the default values were adopted for use by Windstream East.

Windstream East Party Supporting the Response: David Blessing

- 45 -

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009 Item No. 42 Page 1 of 1

42. Describe the location of any Windstream SS7 switches and the specific vendor for each SS7 switch. In addition, if Windstream leases any SS7 services, the description should indicate how this fits into its forward-looking SS7 network.

**RESPONSE:** The SS7 switches for Windstream East are located in Dalton, Georgia and Moultrie, Georgia.

AT&T's First Data Request September 11, 2009

Item No. 43

Page 1 of 1

Provide Windstream's current contracts, or applicable price quotes if current 43.

contracts do not exist, for all prices found on the "Switch Cost Data" pages of

Windstream's ATTACHMENT C and ATTACHMENT D.

**RESPONSE:** Windstream East has requested copies of these contracts and permission to

share these contracts, but will be unable to obtain them by the date this Response is due

to be filed. Windstream East reserves the right to file a supplemental response as soon as

the contracts are available and all required permissions have been granted by the vendors

to allow Windstream East to share these contracts. Windstream East will be requesting

confidential treatment for the documents when they are received and produced.

Windstream East Party Supporting the Response: David Blessing

- 47 -

AT&T's First Data Request

September 11, 2009 Item No. 44

Page 1 of 1

Provide a general description of the switching and other equipment contained in 44.

Windstream's ATTACHMENT C and ATTACHMENT D. This description

should, at a minimum, identify the modeled switch as either a circuit switch or a

soft switch as well as identify the switch vendor.

contained Windstream East's RESPONSE: The switching equipment in

ATTACHMENTs C and D is a Nortel CS1500 soft switch platform which is configured

to function as a typical end office or tandem switch in the TDM mode.

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009

Item No. 45

Page 1 of 1

Provide the capacity limits of the switching and other equipment contained in 45.

Windstream's ATTACHMENT C and ATTACHMENT D that are part of the

technology modeling contained in Windstream's cost study.

RESPONSE: The capacity limit of the CS1500 switch used in Windstream East's model

is 48,000 lines.

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009 Item No. 46 Page 1 of 1

46. Provide the "Analysis of all Windstream closed jobs for the year ending 12/31/06" mentioned on the last page of the "Switch Cost Data" pages of Windstream's ATTACHMENT C and ATTACHMENT D.

**RESPONSE:** Please refer to the file "DR46\_Windstream Capital Loadings\_COE\_2006.xls" attached herein as Exhibit L.

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009 Item No. 47 Page 1 of 1

47. Provide the vintage for the working lines data found on the "Tandems Switches" page of Windstream's ATTACHMENT C.

**RESPONSE:** The vintage for working lines data found on the "Tandems Switches" page of Windstream East's ATTACHMENT C is as of December 31, 2007.

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009 Item No. 48 Page 1 of 1

**48.** Provide 2008 end-of-year working line counts for each switch found on the "Tandem Switches" page of Windstream's ATTACHMENT C and ATTACHMENT D.

**RESPONSE:** The 2008 tandem line data is included in the Excel file "DR50\_KY East Line Data\_2008.xls" attached herein as Exhibit M.

Windstream East Party Supporting the Response: David Blessing

- 52 -

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request

September 11, 2009

Item No. 49

Page 1 of 1

49. Provide the vintage for the working lines and host lines data found on the

"Host\_Remote Switches" pages of Windstream's ATTACHMENT C and

ATTACHMENT D.

The vintages for the working and host lines data found on the **RESPONSE:** 

"Host Remote Switches" pages of Windstream East's ATTACHMENT C and

ATTACHMENT D is as of December 31, 2007.

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009 Item No. 50 Page 1 of 1

50. Provide 2008 end-of-year working line and host line counts for each switch found on the "Host\_Remote Switches" pages of Windstream's ATTACHMENT C and ATTACHMENT D.

**RESPONSE:** The 2008 working and host line data is provided in Excel file "DR50\_KY East Line Data\_2008.xls" attached herein as Exhibit M.

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009 Item No. 51 Page 1 of 1

- 51. Please provide the number of existing softswitches Windstream has under the following circumstances:
  - a. Located in Kentucky
  - b. Located outside of Kentucky
  - c. Located in Kentucky and interconnected with the public switched network
  - d. Located outside Kentucky and interconnected with the public switched network
  - e. Located in Kentucky and the same softswitch vendor and model as contained in Windstream's cost study
  - f. Located outside Kentucky and the same softswitch vendor and model as contained in Windstream's cost study

AT&T's First Data Request

September 11, 2009 Item No. 52

Page 1 of 1

52. Describe product management activities associated with transport and termination

that are contained in the account balance for product management found in the

"Common Costs" pages of Windstream's cost study.

**RESPONSE:** The company personnel performing product management activities support

all revenue-generating "products" for Windstream East, including those classified as

wholesale services. Transport and termination activities covered by the rates developed in

this cost study are part of wholesale services. Windstream East's cost study removes the

activities directly associated with retail services. This leaves functions that are either

directly associated with wholesale services or applicable to general management of all

revenue streams.

Windstream East Party Supporting the Response: David Blessing

- 56 -

AT&T's First Data Request

September 11, 2009 Item No. 53

Page 1 of 1

53. Describe sales and advertising activities associated with transport and termination

that are contained in the account balance for product management found in the

"Common Costs" page of Windstream's cost study.

**RESPONSE:** The company personnel performing sales activities support all products

and services provided by Windstream East, including those classified as wholesale

services. Transport and termination activities covered by the rates developed in this cost

study are part of wholesale services. Some of the advertising is not tied to a specific

product but is designed to increase usage of all communications services, which

indirectly affects transport and termination volumes. Windstream East's cost study

identifies and removes the sales and advertising activities directly associated with retail

services. This leaves sales and advertising costs that are either directly associated with

wholesale services or applicable to general support of all products and services provided

by the company.

Windstream East Party Supporting the Response: David Blessing

- 57 -

AT&T's First Data Request

September 11, 2009

Item No. 54

Page 1 of 1

54. Describe customer services activities associated with transport and termination that

are contained in the account balance for customer services found in the "Common

Costs" page of Windstream's cost study.

**RESPONSE:** The company personnel performing customer service activities support all

Windstream East customers, including those classified as wholesale services. Transport

and termination activities covered by the rates developed in this cost study are part of

wholesale services. Windstream East's cost study removes the activities directly

associated with retail services based upon an analysis of recorded expenses by

subaccount. This leaves functions that are either directly associated with wholesale

services or applicable to general support of all services. Functions applicable to transport

and termination are set up and maintenance of wholesale customer accounts, maintenance

of usage records, billing and collection costs, and response to customer (carrier) inquiries.

Windstream East Party Supporting the Response: David Blessing

- 58 -

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009 Item No. 55 Page 1 of 1

55. Identify the portion of current investment and current expenses for switching expense as found in the "Cost Factors" page of Windstream's cost study associated with digital circuit switching equipment and digital packet switch equipment.

RESPONSE: Windstream East objects to this request as being overly vague.

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009 Item No. 56 Page 1 of 1

56. Identify the portion of current investment and current expenses for circuit expense as found in the "Cost Factors" page of Windstream's cost study associated with radio systems, electronic circuit equipment and optical circuit equipment.

**RESPONSE:** Windstream East objects to this request as being overly vague.

AT&T's First Data Request

September 11, 2009 Item No. 57

Page 1 of 1

Does Windstream currently have in its Kentucky network any of the modeled 57.

switches found in the "Switch Cost Data" pages of its cost study? If so, identify

each such switch, and whether the switch performs end-office switching, tandem

switching or host-remote switching functions.

RESPONSE: Windstream East does not currently have in its Kentucky network any of

the Nortel CS1500 modeled switches found in the "Switch Cost Data" pages of its cost

study.

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request

September 11, 2009 Item No. 58

Page 1 of 1

Explain the distinction between "working lines" and "host lines" as used in the 58.

"Host Remote Switches" pages found in Windstream's cost study.

RESPONSE: Working lines are the active line circuits in the switch per engineering

records. Host lines include the working lines for the host switch plus those working lines

for each remote switch associated with the host switch. The host line counts were not

used to calculate switch investment costs.

Windstream East Party Supporting the Response: David Blessing

- 62 -

AT&T's First Data Request September 11, 2009

Item No. 59

Page 1 of 1

Identify (and locate by specific tab, column and row reference) in Windstream's 59.

cost study its proposed reciprocal compensation rates for terminating traffic

originating from AT&T Mobility.

**RESPONSE:** Windstream East's proposed reciprocal compensation rates for terminating

traffic originating from AT&T Mobility are located on the page entitled "Reciprocal

Compensation Interconnection Weighted Composite Results Kentucky East", line item 1.

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009 Item No. 60 Page 1 of 1

60. Provide a 2009 demand forecast for each of the MOU traffic categories Windstream has identified in its cost study.

**RESPONSE:** The 2009 demand forecast used in the study is as follows:

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009 Item No. 61 Page 1 of 1

- 61. Identify any Kentucky dockets in which Windstream has provided within the past five years any cost estimate for a usage service such as local usage, intrastate switched access, interstate switched access and reciprocal compensation. For each identified docket, please provide the following information:
  - a. The name of each study containing a cost estimate for a usage service;
  - b. The month and year each study containing a cost estimate for usage service was submitted in its docket;
  - c. Windstream's public testimony, if any, describing cost study;
  - d. For each qualifying cost study, identify the cost methodology used to develop the cost estimate, e.g., Total Service Long-Run Incremental Cost ("TSLRIC"), Total Element Long-Run incremental Cost ("TELRIC"), average embedded cost, etc.

**RESPONSE:** Windstream East objects to this request as being overly broad and vague, as well as being information that is readily and publicly available to AT&T Mobility. Without waiving its objection, Windstream East states that Kentucky Public Service Commission website may be accessed at <a href="http://psc.ky.gov/agencies/psc/industry/telcom">http://psc.ky.gov/agencies/psc/industry/telcom</a> idx.htm.

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009 Item No. 62 Page 1 of 1

62. What percentage of traffic originated by AT&T Mobility and sent to Windstream does Windstream claim should be subject to Windstream's terminating access

charges?

c.

a. Of the traffic Windstream claims should be subject to Windstream's terminating access charges, what percentage is interstate and what percentage is intrastate?

b. Provide copies of all traffic studies and other documentation supporting the percentages claimed in the above answers.

If not traffic studies or other documentation is provided, explain the basis for the claimed percentages.

RESPONSE: AT&T Mobility claims that it delivers all of the interMTA traffic originated by its customers through an interexchange carrier ("IXC"). Any terminating access charges in this situation would be paid by the IXC. Based on AT&T Mobility's representations, Windstream therefore is willing to agree that zero percent of traffic originated by AT&T Mobility and sent to Windstream should be subject to Windstream's terminating access charges.

Windstream East party Supporting the Response: Scott Terry

Windstream Kentucky East KY PSC Docket No. 2009-00246 AT&T's First Data Request September 11, 2009 Item No. 63 Page 1 of 2

- 63. What percentage of traffic originated by Windstream and sent to AT&T Mobility does Windstream claim should be subject to Windstream's originating access charges?
  - a. Of the traffic Windstream claims should be subject to Windstream's originating access charges, what percentage is interstate and what percentage is intrastate?
  - b. Provide copies of all traffic studies and other documentation supporting the percentages claimed in the above answers.
  - c. If not traffic studies or other documentation is provided, explain the basis for the claimed percentages.

RESPONSE: Windstream East proposes that five percent of the traffic originated by Windstream East and sent to AT&T Mobility should be subject to Windstream East's originating access charges and that sixty percent of this traffic is interstate traffic, and forty percent of this traffic is intrastate traffic. The fact that such traffic exists is evident based upon readily available public information on AT&T's website. Consistent with Windstream East's position throughout this negotiation, Windstream East has consistently notified AT&T Mobility that it is willing to consider a different percentage based on documentation already in AT&T Mobility's possession (including but not limited to cell site information and traffic studies) or other relevant documentation. Although Windstream East has requested this documentation, AT&T Mobility has not provided any of its traffic studies or other documentation to Windstream East so that

Windstream East can make a firm proposal based on actual documentation relevant to this issue.

Windstream East party Supporting the Response: Scott Terry

Date: 9/25/09

Respectfully Submitted,

Robert C. Moore

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### **CERTIFICATE OF SERVICE**

On this 25th day of SEPTEN	, 2009, true and correct copies of the
foregoing RESPONSES were transmitted vi	a United States <del>vertified mail, postage</del>
prepaid, return receipt requested to:	Rem

Mary K. Keyer General Counsel/AT&T Kentucky 601 West Chestnut Street, Room 407 Louisville, KY 40203

Paul Walters, Jr. 15E. First Street

Edmond, Oklahoma 73034

Robert C. Moore

## WINDSTREAM EAST EXHIBIT A

## Summary of Minutes Requested Docket No. 2009-00246 DR Request #2

	:				
Туре	2004	2005	2006	2007	2008

# EXHIBIT B HAS BEEN REDACTED

# WINDSTREAM EAST EXHIBIT C (PART 1 OF 2)

Windstream Kentucky East Common Cost Account Balance Inputs

Account Description	Source			Account Balances		
(a)	(b)	2006	2007	2008	Jun-09	2009 Annualized

# WINDSTREAM EAST EXHIBIT C (PART 1 OF 2)

Windstream Kentucky East Common Cost Account Balance Inputs

Category (a)	Description (b)	Current Investment	Current Expenses	Investment Account	Expense Account
		(c)	(d)	(e)	(f)

Windstream Kentucky East Embedded Kentucky East Plant

Account 2006 2007 2008

Total Windstream Wireline Embedded Plant Distribution

## WINDSTREAM EAST EXHIBIT F (PART 1 OF 12)

Windstream TELRIC Model Interoffice Transport Inputs Workpapers

## WINDSTREAM EAST EXHIBIT F (PART 2 OF 12)

#### WINDSTREAM EAST EXHIBIT F (PART 3 OF 12)

#### WINDSTREAM EAST EXHIBIT F (PART 4 OF 12)

### WINDSTREAM EAST EXHIBIT F (PART 4 OF 12)

#### WINDSTREAM EAST EXHIBIT F (PART 5 OF 12)

## WINDSTREAM EAST EXHIBIT F (PART 6 OF 12)

## WINDSTREAM EAST EXHIBIT F (PART 7 OF 12)

## WINDSTREAM EAST EXHIBIT F (PART 8 OF 12)

## WINDSTREAM EAST EXHIBIT F (PART 8 OF 12)

## WINDSTREAM EAST EXHIBIT F (PART 9 OF 12)

## WINDSTREAM EAST EXHIBIT F (PART 10 OF 12)

## WINDSTREAM EAST EXHIBIT F (PART 11 OF 12)



## WINDSTREAM EAST EXHIBIT F (PART 12 OF 12)

#### WINDSTREAM EAST EXHIBIT G (PART 1 OF 4)

#### WINDSTREAM EAST EXHIBIT G (PART 2 OF 4)

#### WINDSTREAM EAST EXHIBIT G (PART 2 OF 4)

# WINDSTREAM EAST EXHIBIT G (PART 3 OF 4)

# WINDSTREAM EAST EXHIBIT G (PART 3 OF 4)

## WINDSTREAM EAST EXHIBIT G (PART 4 OF 4)

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## WINDSTREAM EAST EXHIBIT I (PART 1 OF 2)

AT&T.Exh.I.DR33.xls\Summary

# WINDSTREAM EAST EXHIBIT I (PART 2 OF 2)

AT&T.Exh.I.DR33.xls\Original

## WINDSTREAM EAST EXHIBIT J (PART 1 OF 3)

## WINDSTREAM EAST EXHIBIT J (PART 2 OF 3)

## WINDSTREAM EAST EXHIBIT J (PART 3 OF 3)

## WINDSTREAM EAST EXHIBIT K (PART 1 OF 4)

# WINDSTREAM EAST EXHIBIT K (PART 2 OF 4)

# WINDSTREAM EAST EXHIBIT K (PART 3 OF 4)

# WINDSTREAM EAST EXHIBIT K (PART 4 OF 4)

## WINDSTREAM EAST EXHIBIT M (PART 1 OF 3)

## WINDSTREAM EAST EXHIBIT M (PART 2 OF 3)

## WINDSTREAM EAST EXHIBIT M (PART 3 OF 3)